

**Fig. 1**

# Title: INHIBITION OF THE EXPRESSION OF HUNTINGTN GENE

(AS AMENDED)

**Inventor(s):** Kanazawa et al.

Application No: To Be Assigned

Atty Dkt No: 051009/303044

**siRNA-5'UTR:**

5' GAUGACGGCCGCUAGGUU 3'  
3' UUCUACCUCCGCGAGUCCA 5'

### siRNA-HDExon 1:

5'                    3'                    5'  
GCCUUCGAGUCCCUCAAGUCC  
|||||  
UCCGGAAGCUCAGGAGUUCA

**siRNA-CAG:**

5' GCAGCAGCAGCAGCAGCA 3'  
 |||||  
 3' GUCGUCGUCGUCGUCGUC 5'

10	20	30	40	50	60
10	20	30	40	50	60
70	80	90	100	110	120
130	140	150	160	170	180
190	200	210	220	230	240
250	260	270	280	290	300
310	320	330	340	350	360
370	380	390	400	410	420
430	440	450	460	470	480
490	500	510	520	530	540
550	560	570	580		

## siRNA-5'UTR siRNA-Exon1 siRNA-CAG



	Normal	Mutant
With 5'-UTR	pd1EGFP-U-16Q, pd1EGFP-U-31Q	pd1EGFP-U-41Q, pd1EGFP-U-69Q
Translated region only	pd1EGFP-17Q pd1EGFP-22Q pd1EGFP-31Q	pd1EGFP-49Q pd1EGFP-72Q pd1EGFP-120Q pd1EGFP-151Q

Fig. 3

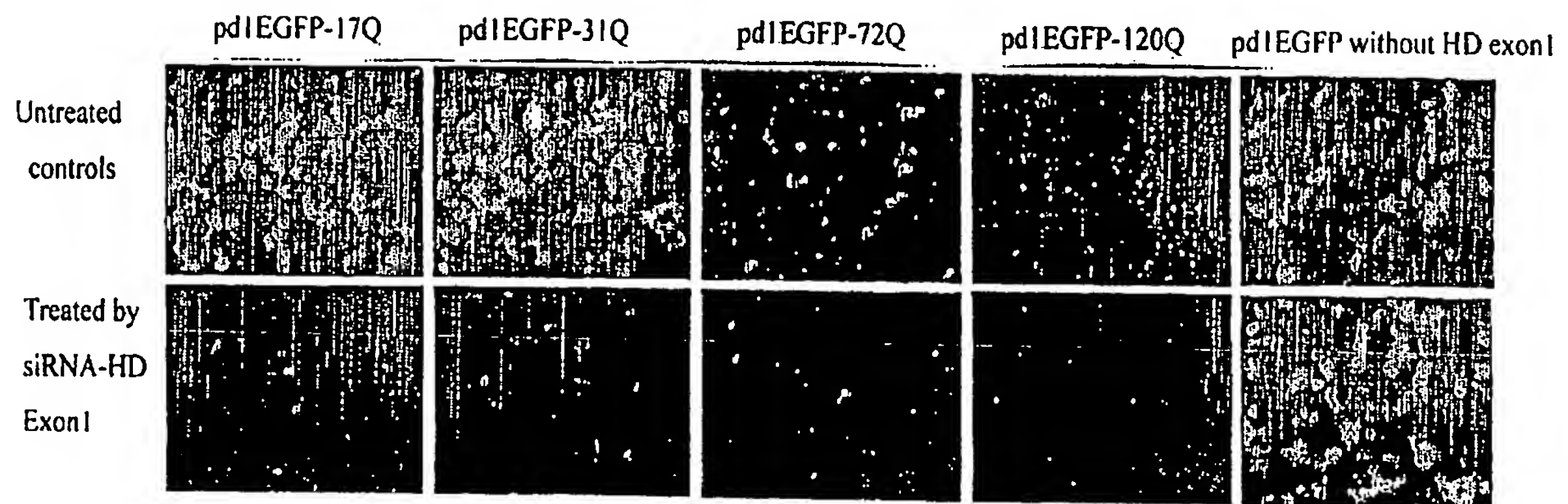


Fig. 4

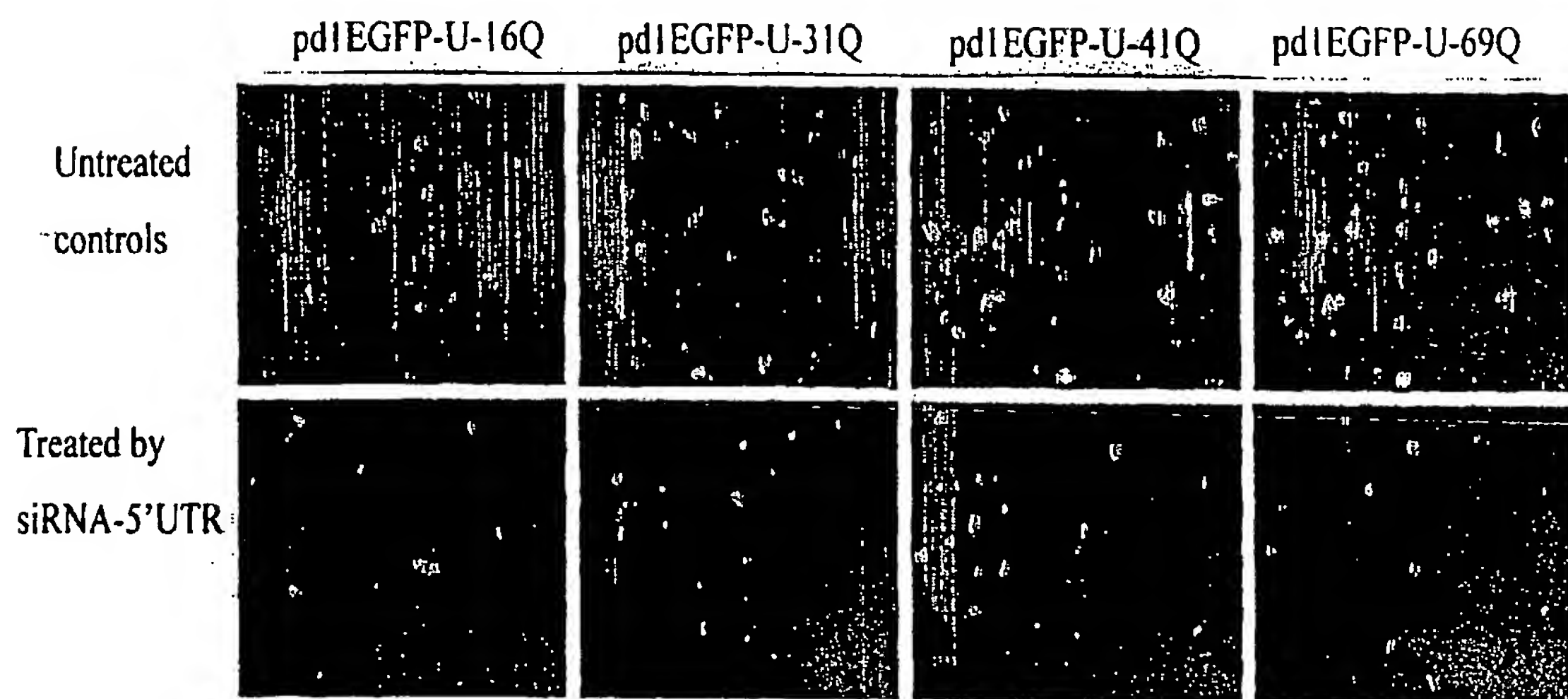


Fig. 5

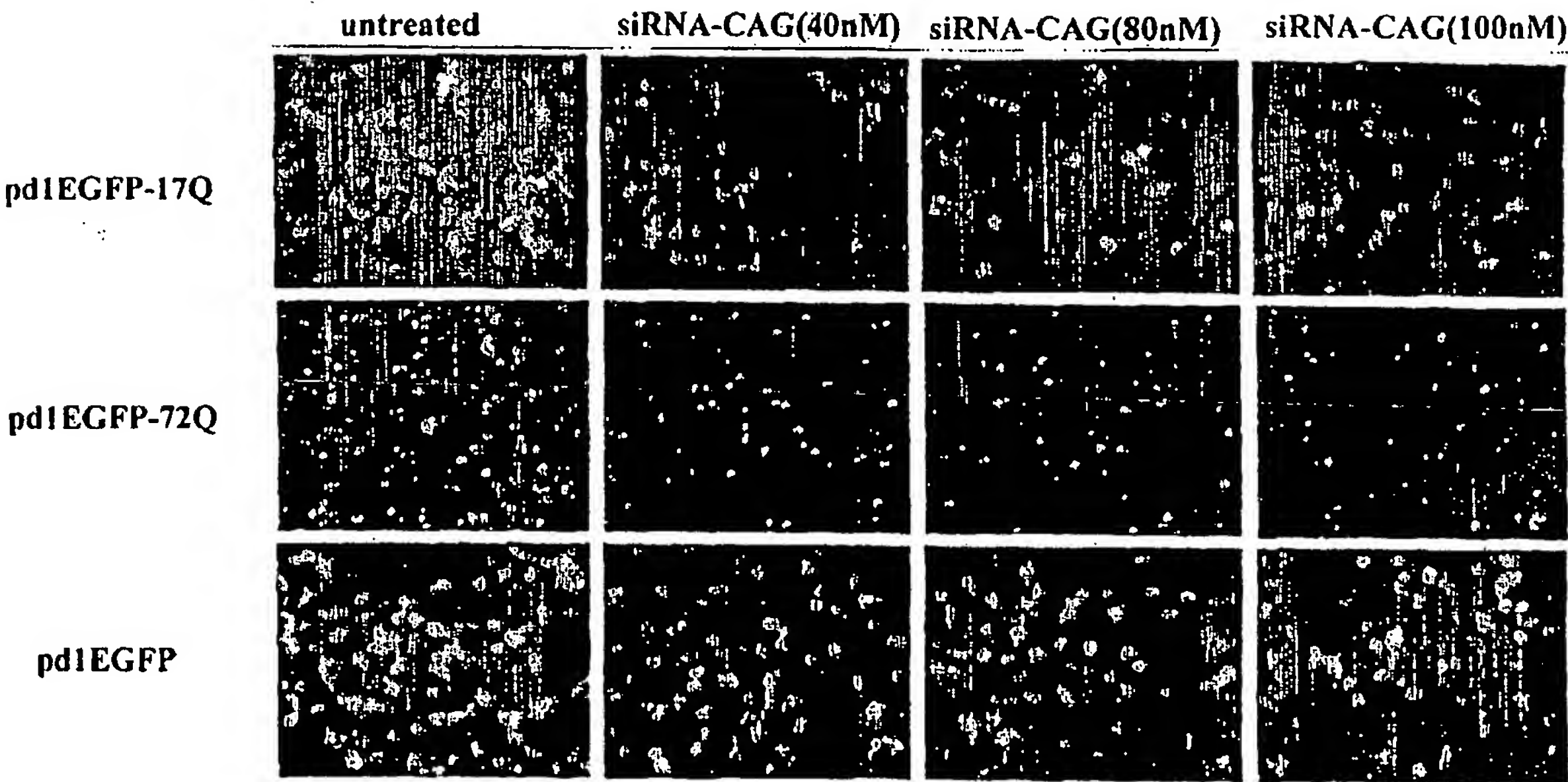


Fig. 6

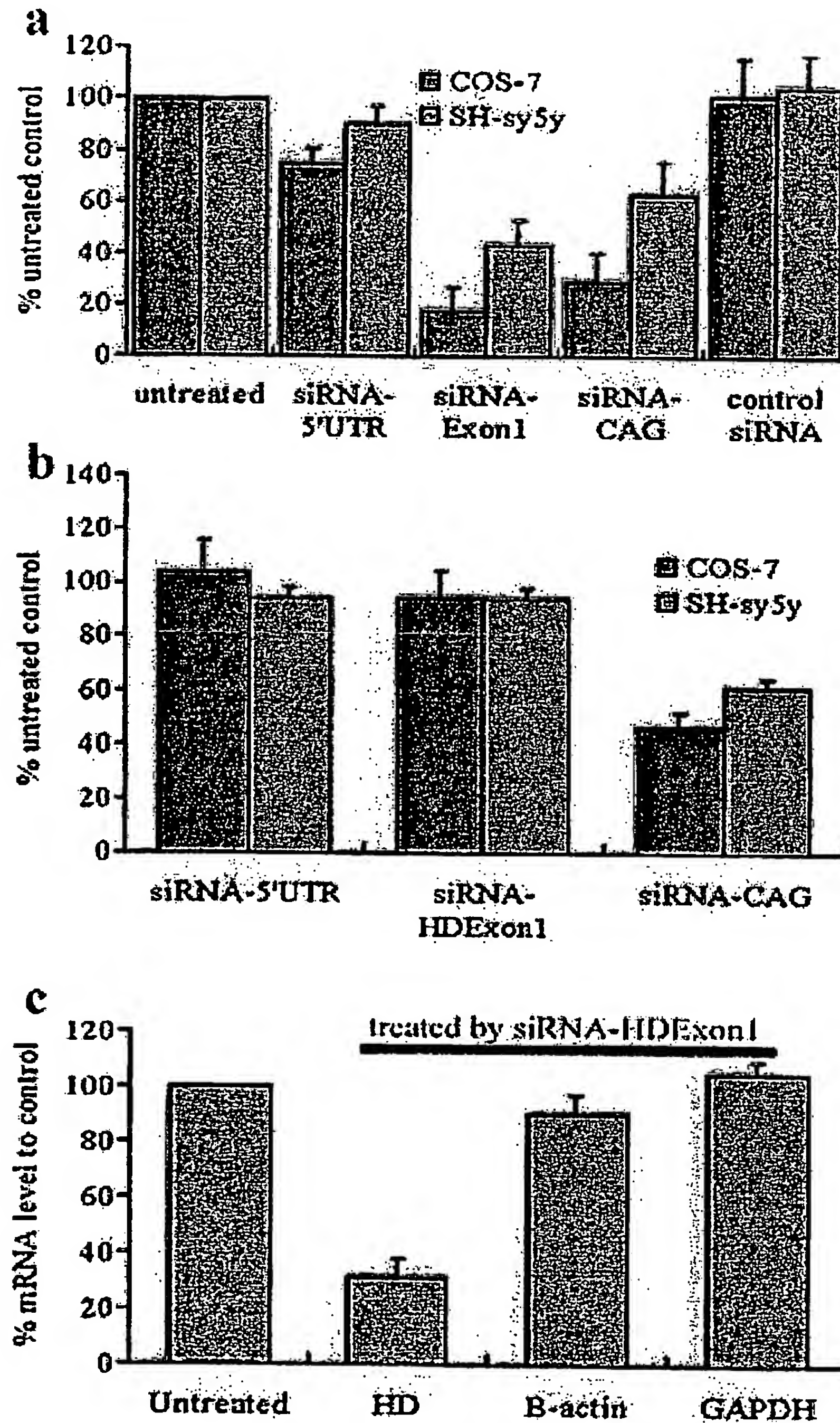


Fig. 7

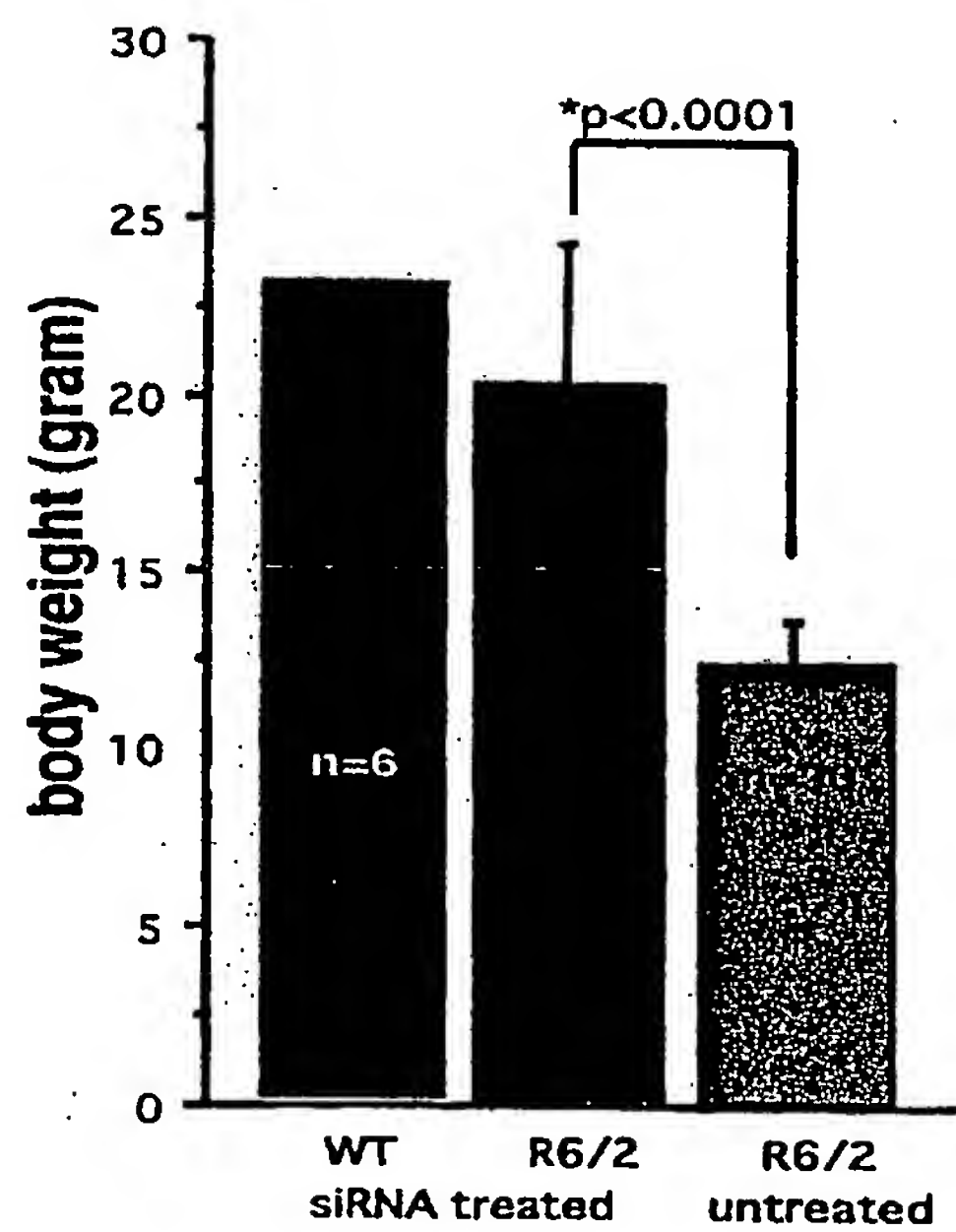


Fig. 8

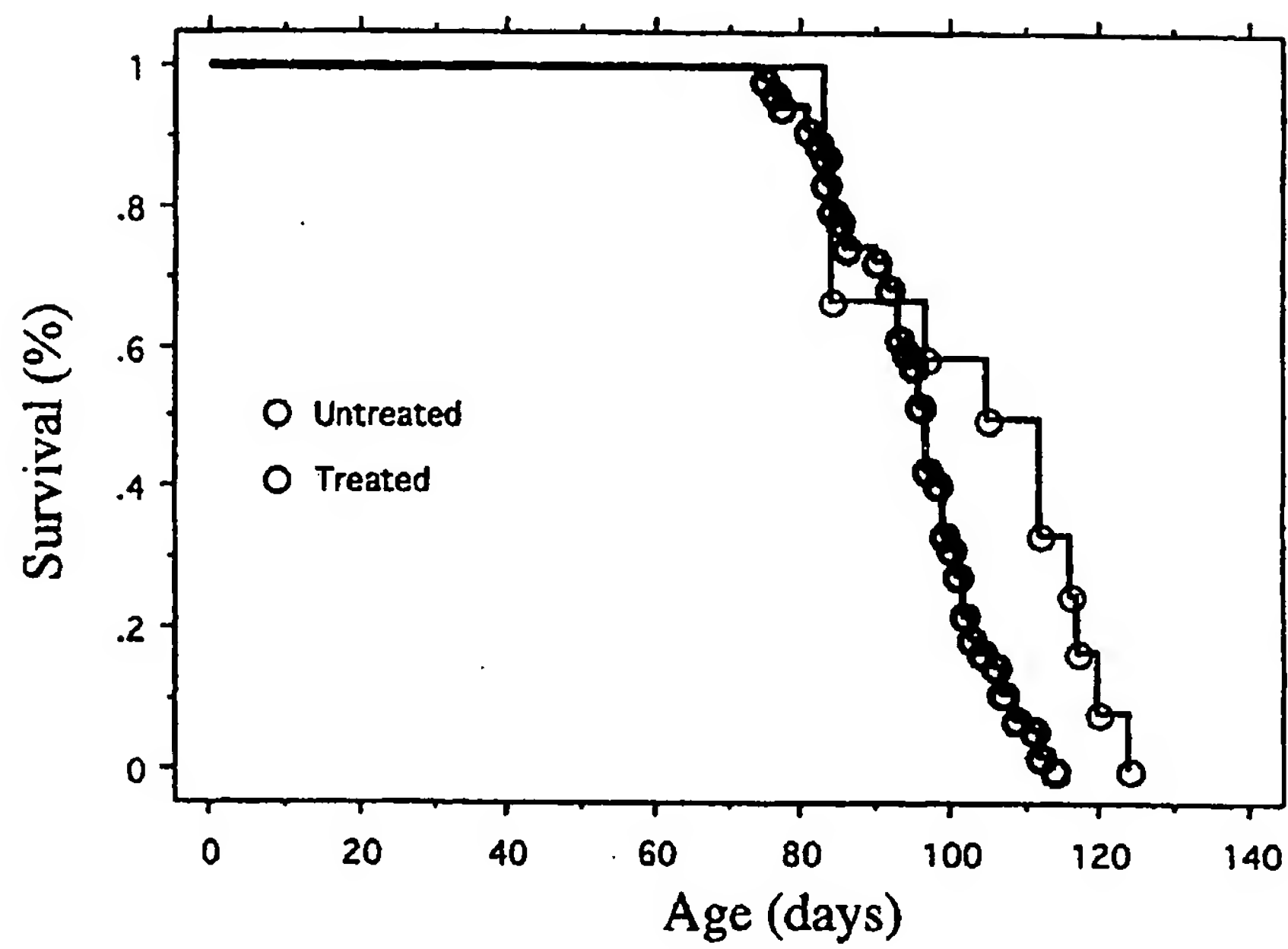


Fig. 9

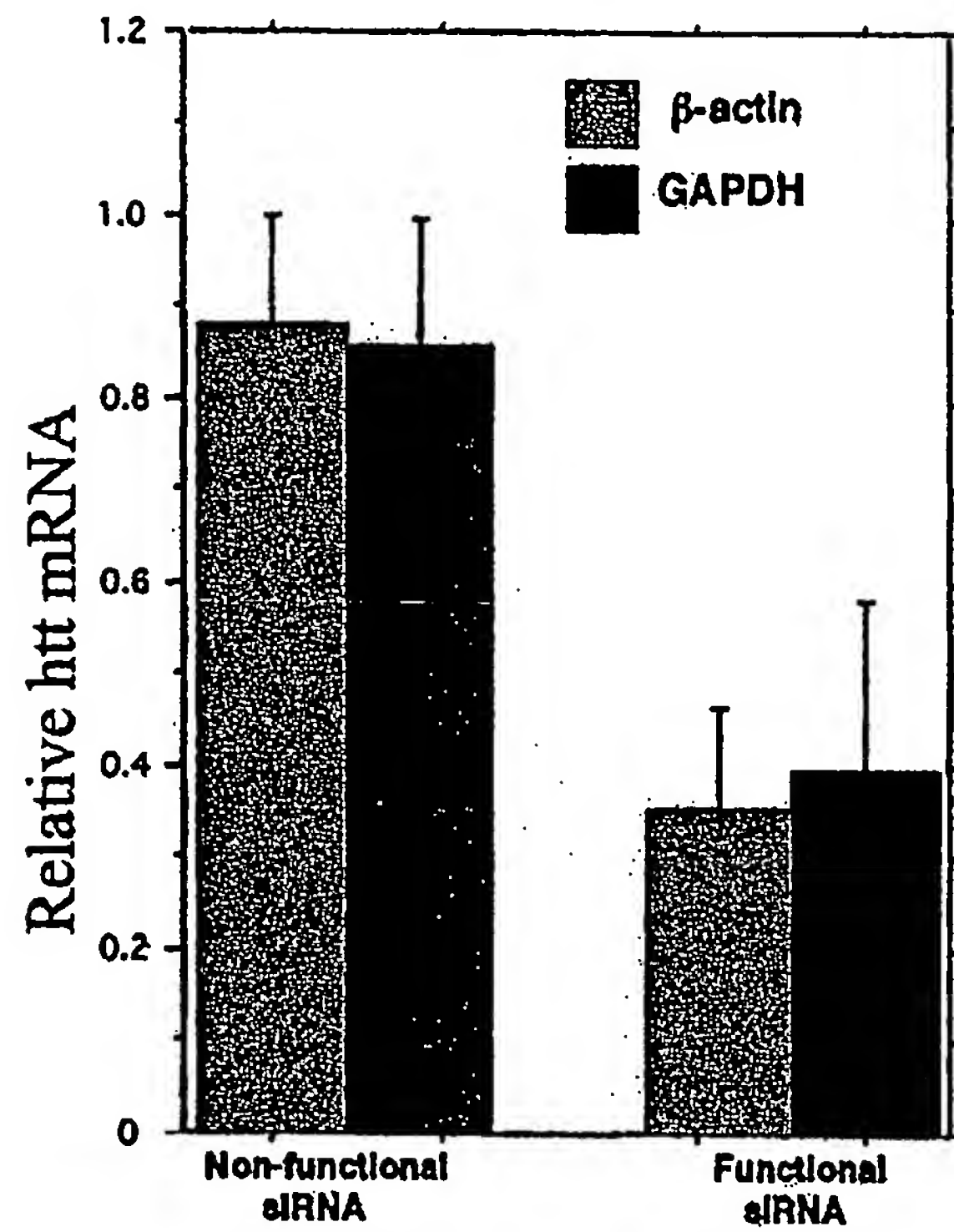
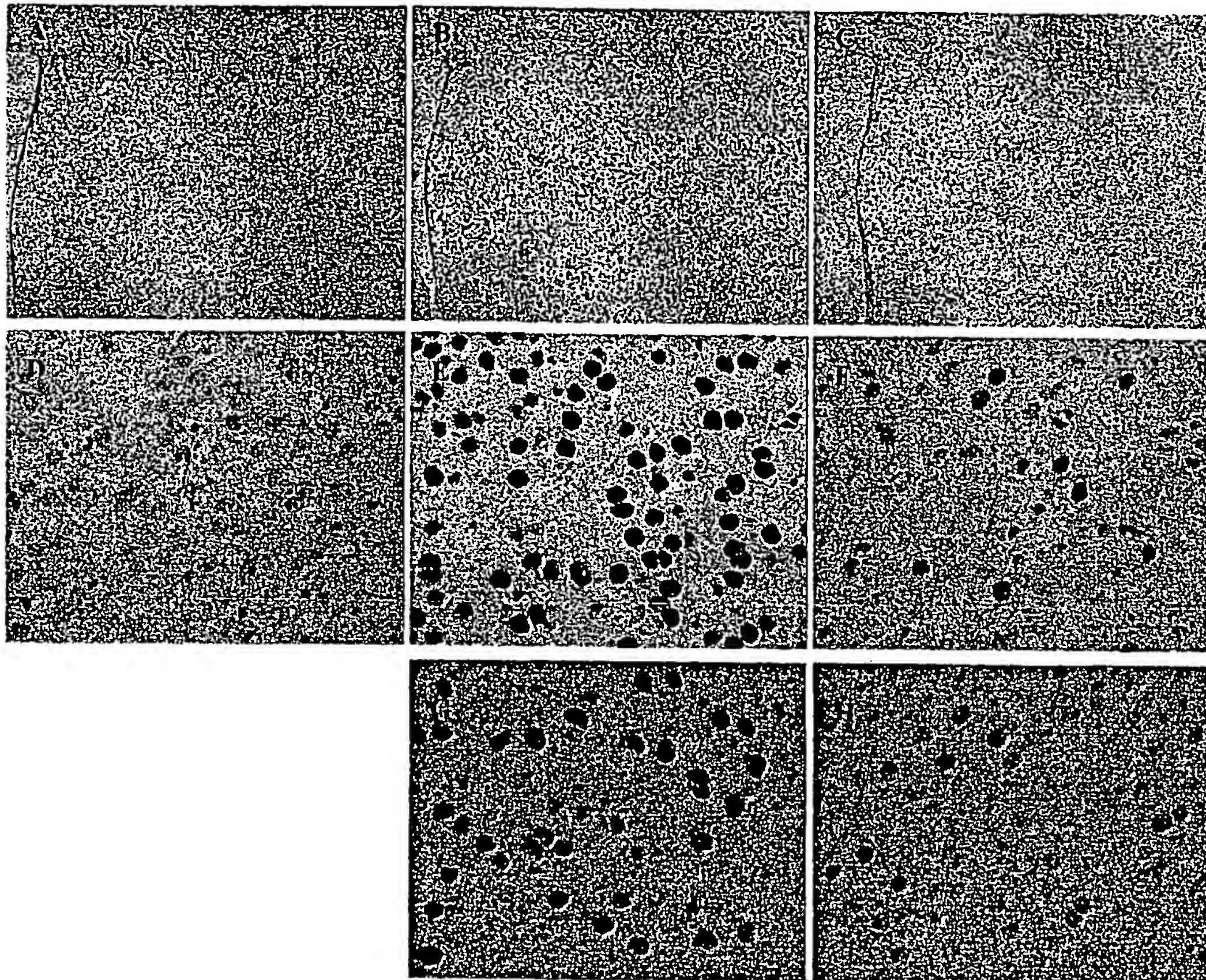


Fig. 10



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